

The diagram illustrates a video camera system with the following components and connections:

- Input Circuits:** CAMERA-SIGNAL PROCESSING CIRCUIT (1) and LINE-IN-SIGNAL PROCESSING CIRCUIT (2) feed into the I/F-IMAGE MIXING CIRCUIT (3).
- Processing and Control:** The I/F-IMAGE MIXING CIRCUIT (3) connects to the DV RECORDING/REPRODUCING SIGNAL PROCESSING CIRCUIT (4). A CONTROL CIRCUIT (9) is connected to the DV RECORDING/REPRODUCING SIGNAL PROCESSING CIRCUIT (4) via dashed lines and to the I/F-IMAGE MIXING CIRCUIT (3) via a solid line. OPERATION KEY BLOCKS feed into the CONTROL CIRCUIT (9).
- Output and Storage:** The DV RECORDING/REPRODUCING SIGNAL PROCESSING CIRCUIT (4) connects to the DISPLAY UNIT (7) and the RECORDING MEDIUM (5).
- External Connections:** The DV RECORDING/REPRODUCING SIGNAL PROCESSING CIRCUIT (4) connects to the PCMCIA I/O/ATA I/F PROCESSING CIRCUIT (11) via a dashed line. The PCMCIA I/O/ATA I/F PROCESSING CIRCUIT (11) connects to the PCMCIA CONNECTOR (12). The PCMCIA CONNECTOR (12) connects to the PCMCIA CARD CONNECTOR (13) via a dashed line. The PCMCIA CARD CONNECTOR (13) connects to the FDD CONTROL MICROCOMPUTER (14) via a dashed line. The FDD CONTROL MICROCOMPUTER (14) connects to the FDD (15) via a dashed line.
- Internal Connections:** The I/F-IMAGE MIXING CIRCUIT (3) connects to the JPEG/MOTION-JPEG COMPRESSING/EXPANDING CIRCUIT (10) via a solid line. The JPEG/MOTION-JPEG COMPRESSING/EXPANDING CIRCUIT (10) connects to the PCMCIA I/O/ATA I/F PROCESSING CIRCUIT (11) via a solid line.

FIG. 1



FIG. 2

| | | |
|--------------------|-------|----------|
| APPROVED O.G. FIG. | | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

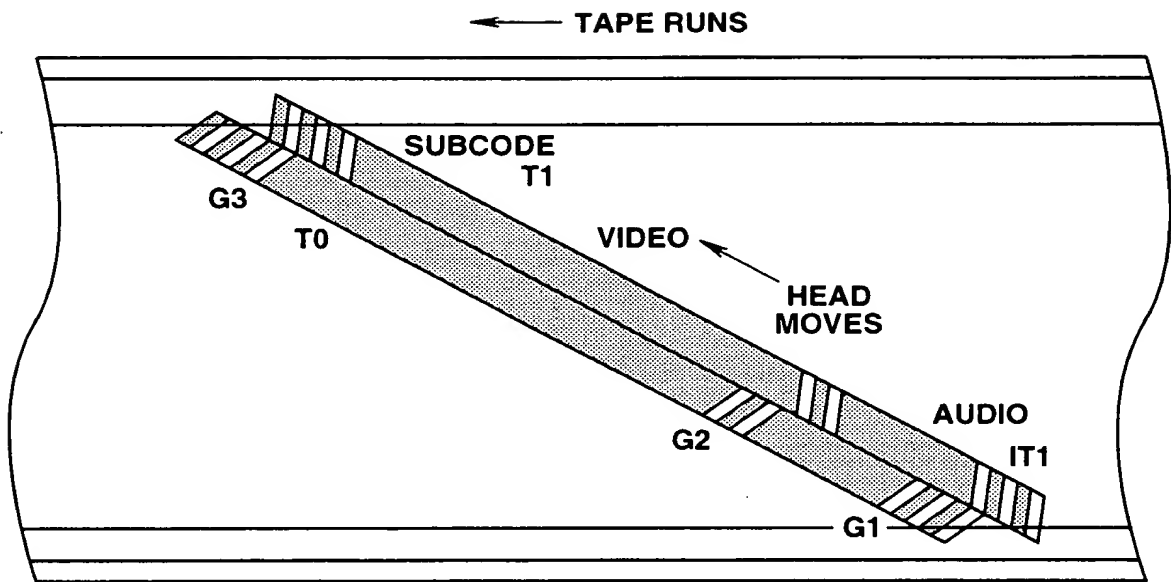


FIG.3

163420 20572000

| | | |
|-----------|-----------|----------|
| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

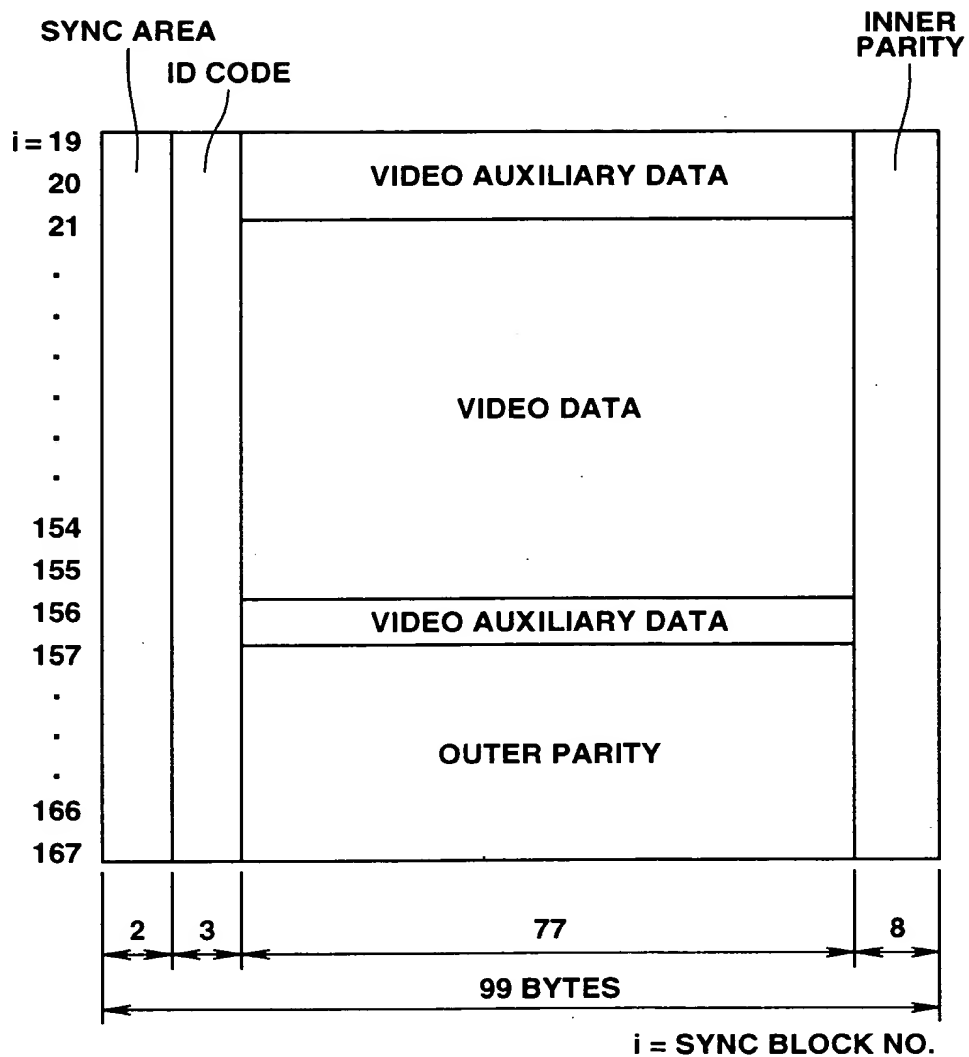
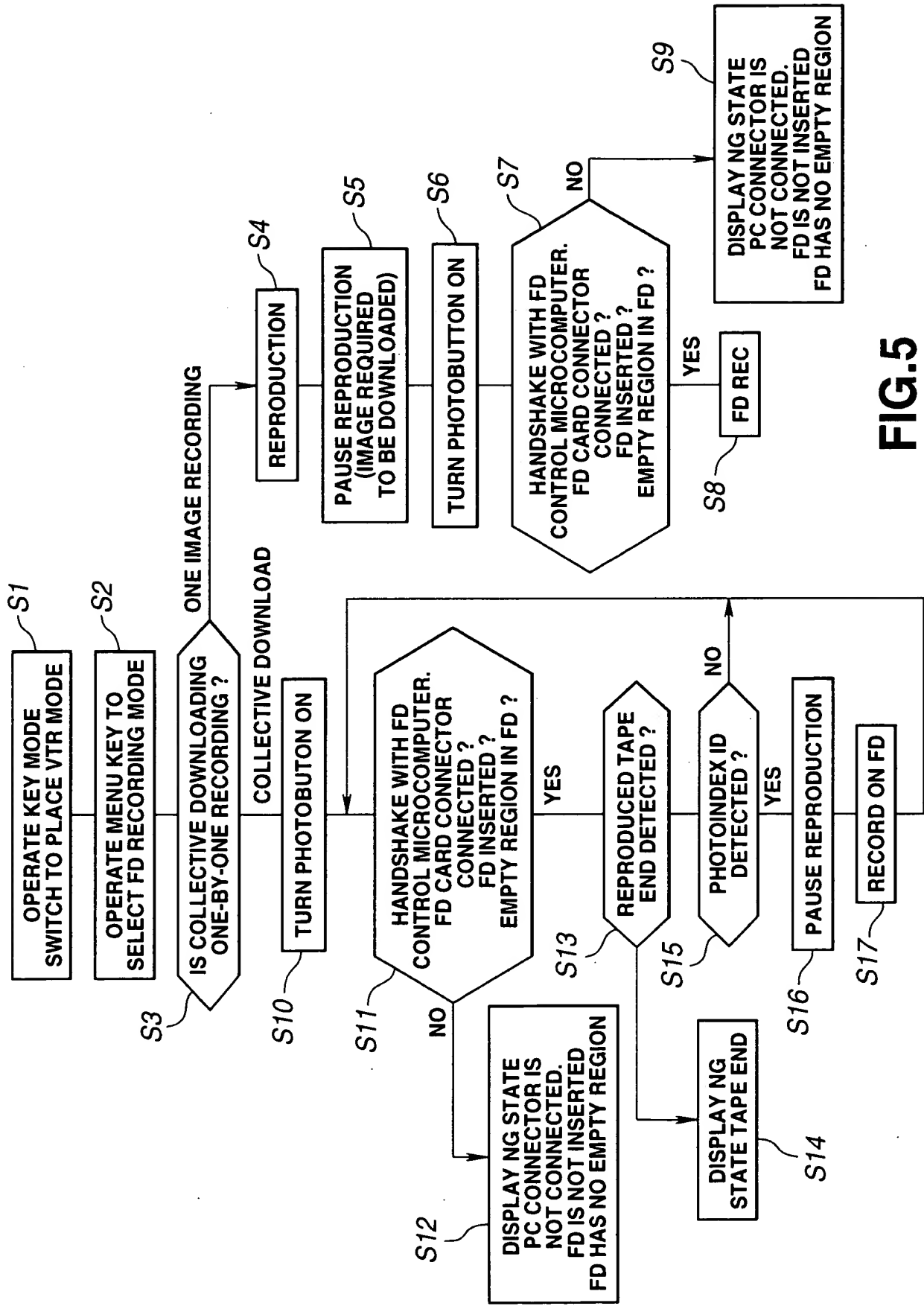


FIG.4



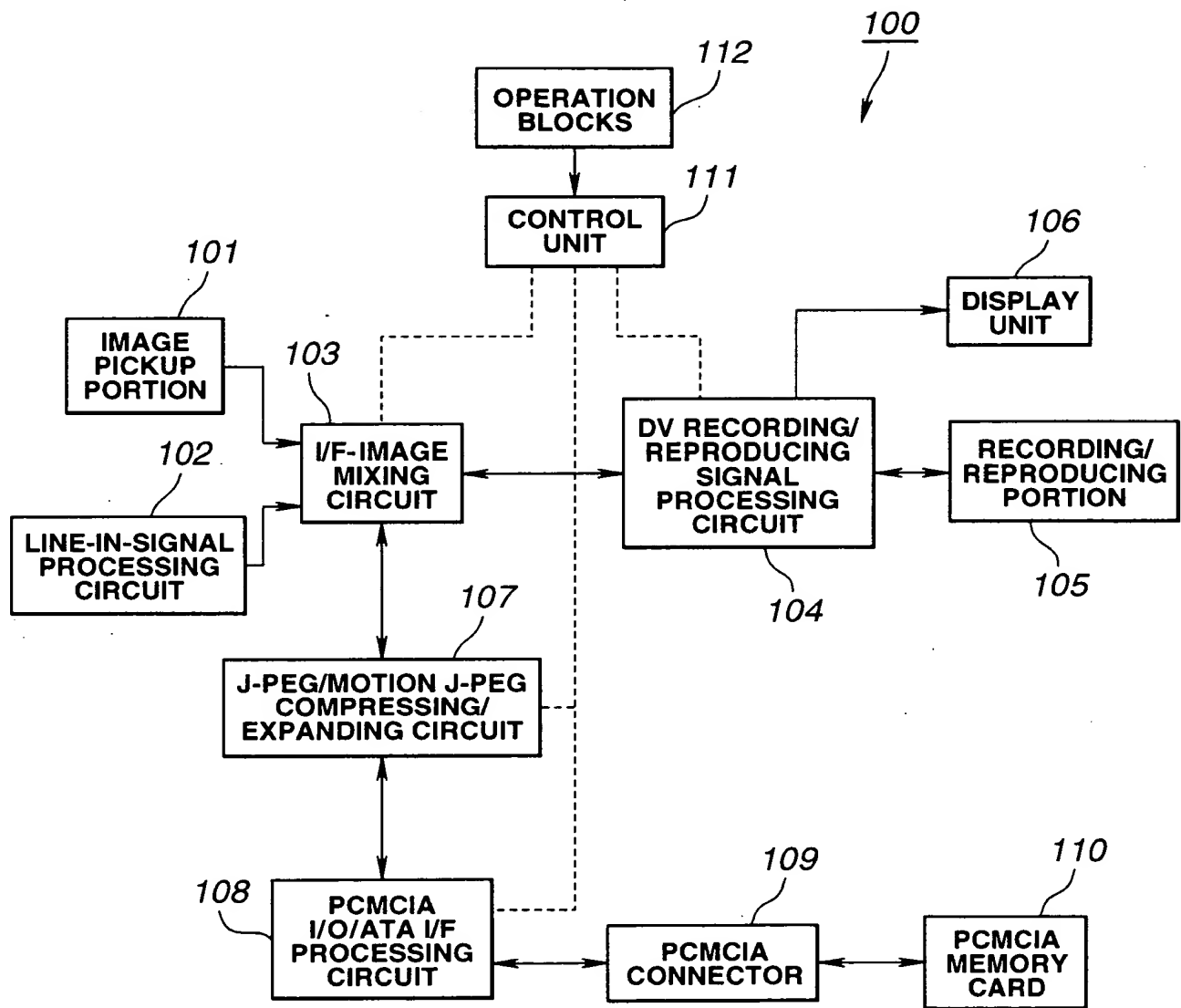


FIG.8

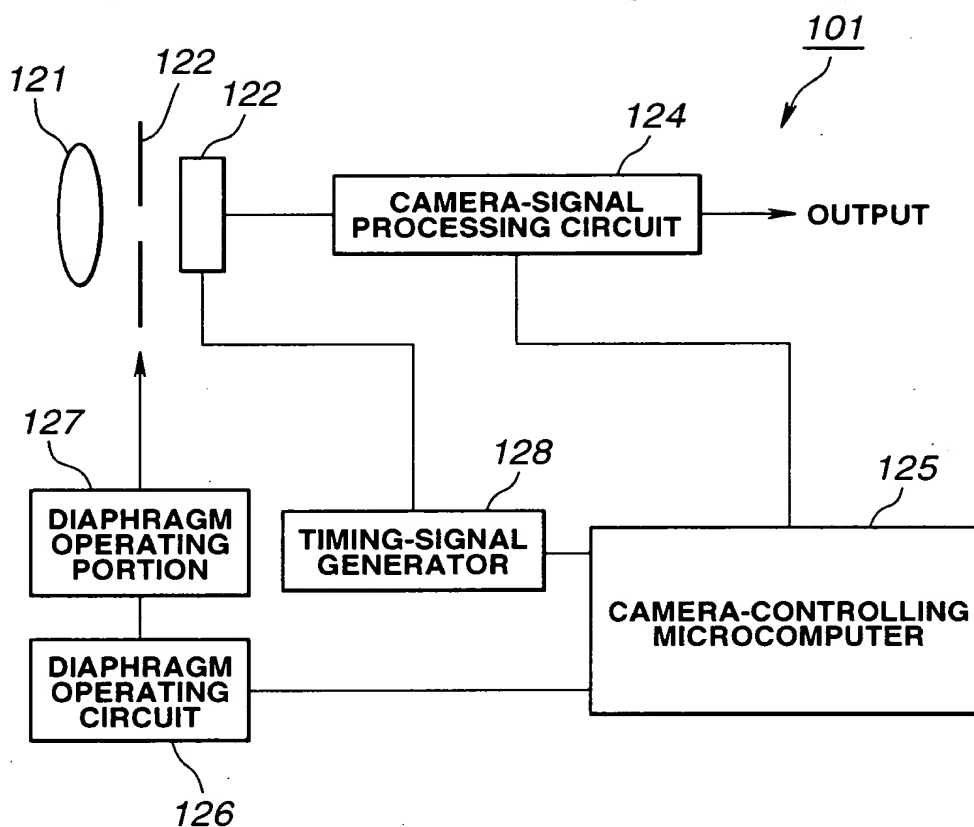


FIG.9

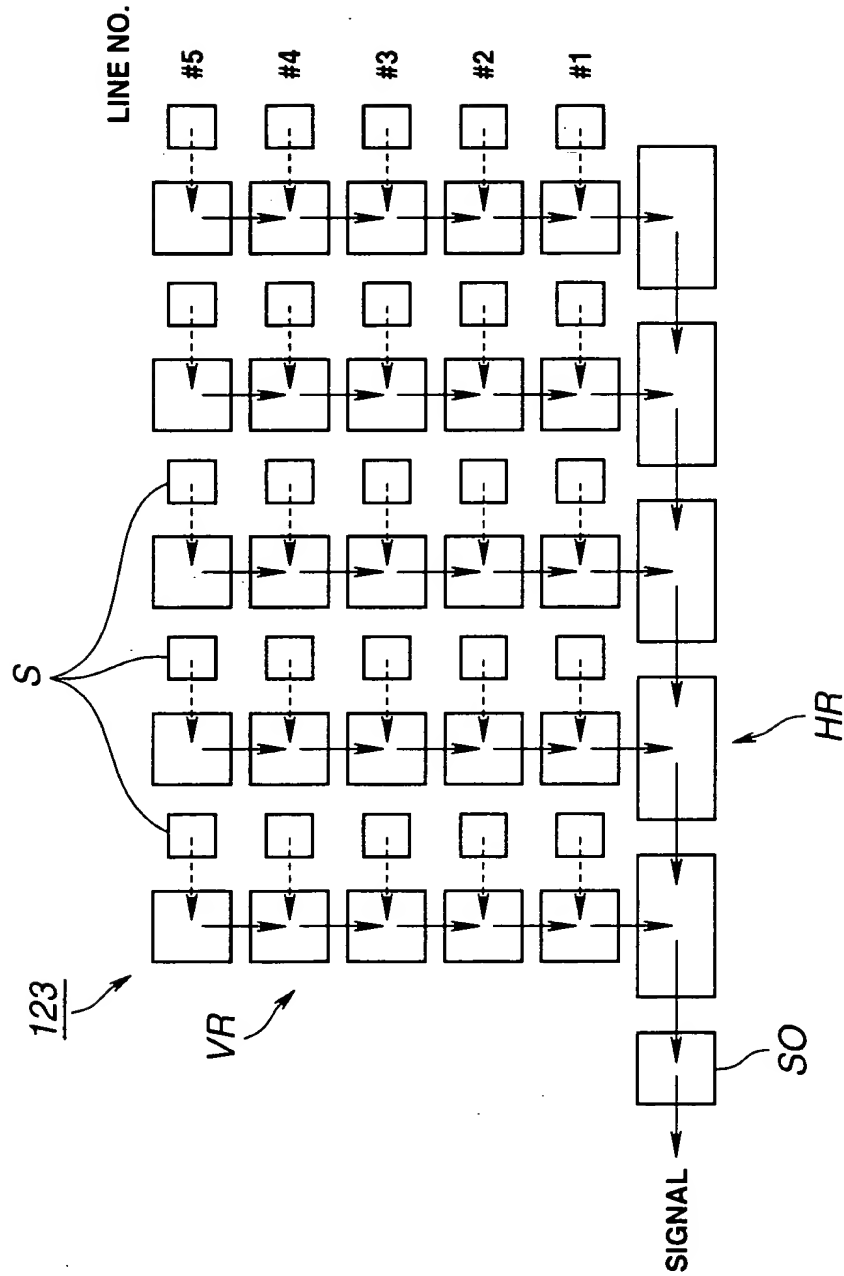


FIG.10



662420" 20517260

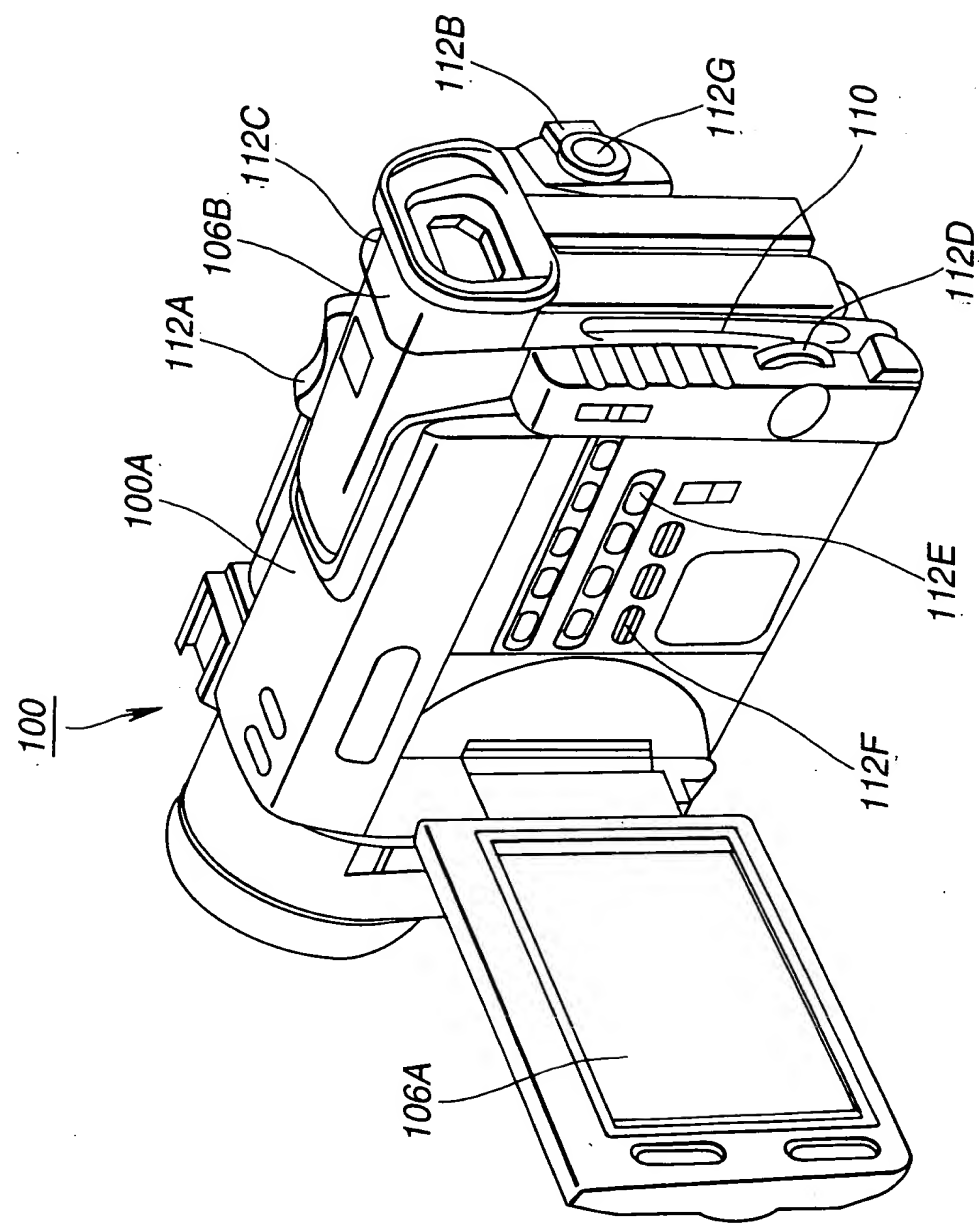


FIG.13

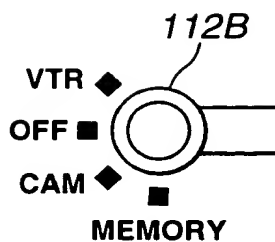


FIG.14

| | M | A | N | U | A | L | | S | E | T | T | I | N | G | | | |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| M | | P | R | O | G | R | A | M | | A | E | | | | | | |
| C | | P | I | C | T | U | R | E | | E | F | F | E | C | T | | |
| | | W | H | I | T | E | | B | A | L | A | N | C | E | | | |
| | | N | D | | F | I | L | T | E | R | | | | | | | |
| | | A | U | T | O | | S | H | U | T | T | E | R | | | | |
| | | P | R | O | G | R | E | S | S | I | V | E | | | | | |
| | | R | E | T | U | R | N | | | | | | | | | | |
| ETC | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | E | N | D | E | D | | W | I | T | H | | [| M | E | N | U] |

OFF

FIG.15A

| | M | A | N | U | A | L | | S | E | T | T | I | N | G | | | |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| M | | P | R | O | G | R | A | M | | A | E | | | | | | |
| C | | P | I | C | T | U | R | E | | E | F | F | E | C | T | | |
| | | W | H | I | T | E | | B | A | L | A | N | C | E | | | |
| | | N | D | | F | I | L | T | E | R | | | | | | | |
| | | A | U | T | O | | S | H | U | T | T | E | R | | | | |
| | | P | R | O | G | R | E | S | S | I | V | E | | | | | |
| | | R | E | T | U | R | N | | | | | | | | | | |
| ETC | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | E | N | D | E | D | | W | I | T | H | | [| M | E | N | U] |

OFF

ON

FIG.15B